

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
0174-4002US1SERIAL NO.
~~08/064,505~~ 08/463707

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

APPLICANT
Mark A. JutilaFILING DATE
May 19, 1993GROUP
1806

PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
Re	5 0 8 1 0 3 4	01/14/92	Bevilacqua, et al.	435	252.33	11/14/88
	5 0 1 1 7 7 8	04/30/91	Newman, et al.	435	240.27	5/23/89
	5 0 0 2 8 7 3	03/26/91	St. John, et al.	435	69.1	3/17/89
	5 0 1 9 6 4 8	05/28/91	Schlossman, et al.	530	387	3/7/88
	4 9 3 5 2 3 4	06/19/90	Todd, III, et al.	424	88.8	3/7/88
	5 0 7 1 9 6 4	12/10/91	Dustin, et al.	530	395	4/17/90
	5 0 3 9 7 9 3	08/13/91	Bernard, et al.	530	350	10/30/87
Re	4 8 4 9 5 0 9	07/18/89	Thurin, et al.	530	387	2/20/87

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
					YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Papers, Etc.)

Re	1	Picker, Louis J.; Kishimoto, Takashi K.; Smith, C. Wayne; Warnock, R. Aaron; and Butcher, Eugene C.; "ELAM-1 Is An Adhesion Molecule For Skin-Homing T Cells", <u>Nature</u> , Vol. 349, pp. 796-799 (February 28, 1991)
Re	2	Shimizu, Yoji; Shaw, Stephen; Graber, Norma; Gopal, T. Venkat; Horgan, Kevin J.; Van Seventer, Gijs A.; and Newman, Walter: "Activation-Independent Binding Of Human Memory T Cells To Adhesion Molecule ELAM-1", <u>Nature</u> , Vol. 349, pp. 799-802 (February 28, 1991)

EXAMINER

PHILIP GAMER

DATE CONSIDERED

5/26/94

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
0174-4002US1SERIAL NO.
08/064,505

08/463707

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

APPLICANT
Mark A. JutilaFILING DATE
May 19, 1993GROUP
1806

PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AL	5 0 9 8 8 3 3	03/24/92	Lasky, et al.	435	69.1	2/23/89
AL	5 0 8 0 8 8 3	01/14/92	Lyle, et al.	424	1.1	5/11/90

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
					YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Papers, Etc.)

AL	3	Bevilacqua, Michael P.; Stengelin, Siegfried; Gimbrone, Jr., Michael A.; and Seed, Brian: "Endothelial Leukocyte Adhesion Molecule 1; An Inducible Receptor For Neutrophils Related to Complement Regulatory Proteins And Lectins", <u>Science</u> , Vol. 243, pp. 1160-1165 (March 3, 1989)
AL	4	Edgington, Stephen M.: "How Sweet It Is: Selectin-Mediating Drugs", <u>Bio-Technology</u> , Vol. 10 (April 1992)

EXAMINER

PHILIP GAMBERL

DATE CONSIDERED

5/26/91

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
0174-4002US1SERIAL NO.
08/064,505

08/163707

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

APPLICANT
Mark A. JutilaFILING DATE
May 19, 1993GROUP
1806



PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
					YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Papers, Etc.)

	5	Geng, Jian-Guo; Bevilacqua, Michael P.; Moore, Kevin L.; McIntyre, Thomas M.; Prescott, Stephen M.; Kim, Jenny M.; Bliss, Greg A.; Zimmerman, Guy A.; and McEver Rodger P.: "Rapid Neutrophil Adhesion To Activated Endothelium Mediated By GMP-140", <u>Nature</u> , Vol. 343, pp. 757-760 (February 22, 1990)
	6	Picker, Louis J.; Warnock, R. Aaron; Burns, Alan R.; Doerschuk, Claire M.; Berg, Ellen L.; and Butcher, Eugene C.: "The Neutrophil Selectin LECAM-1 Presents Carbohydrate Ligands To The Vascular Selectins ELAM-1 and GMP-140", <u>Cell</u> , Vol. 66, pp. 921-933 (September 6, 1991)

EXAMINER

PHILIP GAMBOZ

DATE CONSIDERED

5/26/94

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
0174-4002US1

SERIAL NO.

08/064,505 08/463707

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

APPLICANT
Mark A. JutilaFILING DATE
May 19, 1993GROUP
1806

PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
					YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Papers, Etc.)

<i>R</i>	7	Larsen, Eric; Celi, Alessandro; Gilbert, Gary E.; Furie, Barbara C.; Erban, John K.; Bonfanti, Roberta; Wagner, Denisa D.; and Furie, Bruce: "PADGEM Protein: A Receptor That Mediates The Interaction Of Activated Platelets With Neutrophils And Monocytes", <u>Cell</u> , Vol. 59, pp. 305-312 (10/20/89)
<i>R</i>	8	Johnston, Geoffrey I.; Cook, Richard G.; and McEver, Rodger P.: "Cloning Of GMP-140, A Granule Membrane Protein Of Platelets And Endothelium: Sequence Similarity To Proteins Involved In Cell Adhesion And Inflammation", <u>Cell</u> , Vol. 56, pp. 1033-1044 (March 24, 1989)

EXAMINER

PHILIP GAMBRE

DATE CONSIDERED

5/26/94

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
0174-4002US1SERIAL NO.
08/064,505 08/463707

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

APPLICANT
Mark A. JutilaFILING DATE
May 19, 1993GROUP
1806

PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Papers, Etc.)

9	Watson, Susan R.; Imai, Yasuyuki; Fennie, Christopher; Geoffrey, Joyce; Singer, Mark; Rosen, Steven D.; and Lasky, Laurence A.: "The Complement Binding-Like Domains Of The Murine Homing Receptor Facilitate Lectin Activity", <u>The Journal of Cell Biology</u> , Vol. 115, No. 1, pp. 235-243 (October 1991)
10	Pigott, Rod; Needham, Lindsey A.; Edwards, R. Mark; Walker, Caroline; and Power, Christine: "Structural And Functional Studies Of The Endothelial Activation Antigen Endothelial Leucocyte Adhesion Molecule-1 Using a Panel Of Monoclonal Antibodies", <u>The Journal Of Immunology</u> , Vol. 147, No. 1, pp. 130-135 (July 1, 1991)

EXAMINER

PH/ATP GAMBOR

DATE CONSIDERED

5/26/91

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
0174-4002US1

SERIAL NO.

~~08/064,505~~ 08/463703

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

APPLICANT
Mark A. JutilaFILING DATE
May 19, 1993GROUP
1806



PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Papers, Etc.)

	11	Berg, Ellen Lakey; Goldstein Leslie A.; Jutila, Mark A.; Nakache, Maurice; Picker, Louis J.; Streeter, Philip R.; Wu, Nora W.; Zhou, David; and Butcher, Eugene C.: "Homing Receptors and Vascular Addressins: Cell Adhesion Molecules That Direct Lymphocyte Traffic", <u>Immunological Reviews</u> , No. 108, pp. 5-18 (1989)
	12	Spertini, Olivier; Luscinskas, Francis W.; Kansas, Geoffrey S.; Munro, J. Michael; Griffin, James D.; Gimbrone, Jr., Michael A.; and Tedder, Thomas F.: "Leukocyte Adhesion Molecule-1 (LAM-1, L-Selectin) Interacts With An Inducible Endothelial Cell Ligand To Support Leukocyte Adhesion", <u>The Journal Of Immunology</u> , Vol. 147, No. 8, pp. 2565-2573 (October 16, 1991)

EXAMINER

PHILLIP GAMBER

DATE CONSIDERED

5/26/94

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
0174-4002US1SERIAL NO.
08/064,505

08/463 REF

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

APPLICANT
Mark A. JutilaFILING DATE
May 19, 1993GROUP
1806

PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Papers, Etc.)

M	13	Berg, Ellen L.; Robinson, Martyn K.; Warnock, R. Aairon; and Butcher, Eugene C.: "The Human Peripheral Lymph Node Vascular Addressin Is A Ligand For LECAM-1, The Peripheral Lymph Node Homing Receptor", <u>The Journal Of Cell Biology</u> , Vol. 114, No. 2, pp. 343-349 (July 1991)
R	14	Bevilacqua, Michael P.; Pober, Jordan S.; Mendrick, Donna L.; Cotran, Ramzi S.; and Gimbrone, Jr., Michael A.: "Identification Of An Inducible Endothelial-Leukocyte Adhesion Molecule (Inflammation/Cytokine/Endotoxin/Neutrophil/HL-60 Cell)", <u>Proc. Natl. Acad. Sci. USA</u> , Vol. 84, pp. 9238-9242 (December 1987)

EXAMINER

PHILLIP GAMBEL

DATE CONSIDERED

5/26/94

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
0174-4002US1SERIAL NO.
~~08/004,505~~ 08/463707

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

APPLICANT
Mark A. JutilaFILING DATE
May 19, 1993GROUP
1806

PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Papers, Etc.)

	17	Kishimoto, Takashi Kei; Jutila, Mark A.; Berg, Ellen Lakey; and Butcher, Eugene C.: "Neutrophil Mac-1 and MEL-14 Adhesion Proteins Inversely Regulated By Chemotactic Factors", <u>Science</u> , Vol. 245, pp. 1238-1241 (September 15, 1989)
	18	Dunlop, Lindsay C.; Skinner, Michael P.; Bendall, Linda J.; Favaloro, Emmanuel J.; Castaldi, Peter A.; Gorman, Jeffrey J.; Gamble, Jennifer R.; Vadas, Matthew A.; and Berndt, Michael C.: "Characterization of GMP-140 (P-selectin) as a Circulating Plasma Protein", <u>J. Exp. Med.</u> , The Rockefeller University Press, Vol. 175, pp. 1147-1150 (April 1992)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
0174-4002US1

SERIAL NO.

08/064,505

02/463707

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

APPLICANT
Mark A. JutilaFILING DATE
May 19, 1993GROUP
1806

PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Papers, Etc.)

19	Rothlein, Robert; Mainolfi, Elizabeth A.; Czajkowski, Michele; and Marlin, Steven D.: "A Form Of Circulating ICAM-1 In Human Serum", <u>The Journal Of Immunology</u> , Vol. 147, No. 11, pp. 3788-3793 (December 1, 1991)
20	Von Adrian, Ulrich H.; Chambers, J. David; McEvoy, Leslie M.; Bargatze, Robert F.; Arfors, Karl E.; and Butcher, Eugene C.: "Two-Step Model Of Leukocyte-Endothelial Cell Interaction In Inflammation: Distinct Roles For LECAM-1 And The Leukocyte B2 Integrins In Vivo", <u>Proc. Natl. Acad. Sci. USA</u> , Vol. 88, pp. 7538-7542 (9/91)

EXAMINER

PHILLIP GAMMOR

DATE CONSIDERED

5/26/94

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
0174-4002US1

SERIAL NO.

08/064,505

08/463707

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

APPLICANT
Mark A. JutilaFILING DATE
May 19, 1993GROUP
1806

PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
					YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Papers, Etc.)

<i>R</i>	21	Ley, Klaus; Gaetgens, Peter; Fennie, Christopher; Singer, Mark S.; Lasky, Laurence A.; and Rosen, Steven D.: "Lectin-Like Cell Adhesion Molecule 1 Mediates Leukocyte Rolling In Mesenteric Venules In Vivo", <u>Blood</u> , Vol. 77, No. 12, pp. 2553-2555 (June 15, 1991)
<i>R</i>	22	Smith, C. Wayne; Kishimoto, Takashi Kei; Abbas, Omid; Hughes, Bonnie; Rothlein, Robert; McIntire, Larry V.; Butcher, Eugene; and Anderson, Donald C.: "Chemotactic Factors Regulate Lectin Adhesion Molecule 1 (LECAM-1)-Dependent Neutrophil Adhesion To Cytokine-Stimulated Endothelial Cells In Vitro", <u>J. Clin. Invest.</u> , Vol. 87, pp. 609-618 (February 1991)

EXAMINER

Philip G. Mager

DATE CONSIDERED

5/26/94

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
0174-4002US1

SERIAL NO.

084064,505 03146377

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

APPLICANT
Mark A. JutilaFILING DATE
May 19, 1993GROUP
1806

PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Papers, Etc.)

R	23	Watson, Susan R.; Fennie, Christopher; and Lasky, Laurence A.: "Neutrophil Influx Into An Inflammatory Site Inhibited By A Soluble Homing Receptor-IgG Chimaera" <u>Nature</u> , Vol. 349, pp. 164-167 (January 10, 1991)
R	24	Lewinsohn, David M.; Bargatze, Robert F.; and Butcher, Eugene C.: "Leukocyte-Endothelial Cell Recognition: Evidence Of A Common Molecular Mechanism Shared By Neutrophils, Lymphocytes, And Other Leukocytes", <u>The Journal Of Immunology</u> , Vol. 138, No. 12, pp. 4313-4321 (June 15, 1987)

EXAMINER

PHILLIP GAMBELL

DATE CONSIDERED

5/26/94

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
0174-4002US1

SERIAL NO.

08/064,505-09/463707

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

APPLICANT
Mark A. JutilaFILING DATE
May 19, 1993GROUP
1806

PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
					YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Papers, Etc.)

25	Isobe, Mitsuaki; Yagita, Hideo; Okumura, Ko; and Ihara, Akira: "Specific Acceptance Of Cardiac Allograft After Treatment With Antibodies To ICAM-1 and LFA-1", <u>Science</u> , Vol. 255, pp. 1125-1127 (February 28, 1992)
26	Gundel, Robert H.; Wegner, Craig D.; Torcellini, Carol A.; Clarke, Cosmos C.; Haynes, Nancy; Rothlein, Robert; Smith, C. Wayne; and Letts, L. Gordon: "Endothelial Leukocyte Adhesion Molecule-1 Mediates Antigen-Induced Acute Airway Inflammation And Late-Phase Airway Obstruction In Monkeys", <u>J. Clin. Invest.</u> , Vol. 88, pp. 1407-1411 (October 1991)

EXAMINER

Philip Gamber

DATE CONSIDERED

5/26/94

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
0174-4002US1

SERIAL NO.

08/064,505

08/463707

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

APPLICANT
Mark A. JutilaFILING DATE
May 19, 1993GROUP
1806



PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Papers, Etc.)

	27	Kishimoto, Takashi Kei: "A Dynamic Model For Neutrophil Localization To Inflammatory Sites", <u>The Journal Of NIH Research</u> , Vol. 3, pp. 75-77 (Sept. 1991)
	28	Larsen, Eric; Celi, Alessandro; Gilbert, Gary E.; Furie, Barbara C.; Erban, John K.; Bonfanti, Roberta; Wagner, Denisa D.; and Furie, Bruce: "PADGEM Protein: A Receptor That Mediates The Interaction Of Activated Platelets With Neutrophils And Monocytes", <u>Cell</u> , Vol. 59, pp. 305-312 (October 20, 1989)

EXAMINER

PHILLIP GAMBER

DATE CONSIDERED

PGB 5/26/91

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
0174-4002US1SERIAL NO.
08/064,505 08/463707

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

APPLICANT
Mark A. JutilaFILING DATE
May 19, 1993GROUP
1806

PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
					YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Papers, Etc.)

29	Picker, Louis J.; Warnock, R. Aaron; Burns, Alan R.; Doerschuk, Clair M.; Berg, Ellen L.; and Butcher, Eugene C.: "The Neutrophil Selectin LECAM-1 Presents Carbohydrate Ligands To The Vascular Selectins ELAM-1 and GMP-140", Cell, Vol. 66, pp. 921-933 (September 6, 1991)
30	Hallmann, R.; Jutila, M.A.; Smith, C.W.; Anderson, D.C.; Kishimoto, T.K.; and Butcher, E.C.: "The Peripheral Lymph Node Homing Receptor, LECAM-1, Is Involved in CD18-Independent Adhesion Of Human Neutrophils To Endothelium", Biochemical And Biophysical Research Communications, Vol. 174, No. 1, pp. 236-243 (January 15, 1991)

EXAMINER

PHILLIP GAMMA

DATE CONSIDERED

08/463707

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
0174-4002US1

SERIAL NO.

08/064,505

29/463707

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

APPLICANT
Mark A. JutilaFILING DATE
May 19, 1993GROUP
1806

PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Papers, Etc.)

31	Kishimoto, Takashi Kei; Warnock, R. Aaron; Jutila, Mark A.; Butcher, Eugene C.; Lane, Carol; Anderson, Donald C.; and Smith, C. Wayne: "Antibodies Against Human Neutrophil LECAM-1 (LAM-1/Leu-8/DREG-56 Antigen) and Endothelial Cell ELAM-1 Inhibit A Common CD18-Independent Adhesion Pathway In Vitro", <u>Blood</u> , Vol. 78, No. 3, pp. 805-811 (August 1991)
32	Smith, C. Wayne; Kishimoto, Takashi Kei; Abbass, Omid; Hughes, Bonnie; Rothlein, Robert; McIntire, Larry V.; Butcher, Eugene; and Anderson, Donald C.: "Chemotactic Factors Regulate Lectin Adhesion Molecule 1 (LECAM 1)-Dependent Neutrophil Adhesion To Cytokine-Stimulated Endothelial Cells In Vitro", <u>J. Clin. Invest.</u> , Vol. 87, pp. 609-618 (February 1991)

EXAMINER

DHUP GMM312

DATE CONSIDERED

5/26/91

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
0174-4002US1

SERIAL NO.

08/064,305

08/463707

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

APPLICANT
Mark A. JutilaFILING DATE
May 19, 1993GROUP
1806

PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Papers, Etc.)

33	Sigma Chemical Co. Bio Chemicals Catalog, p. 1135, #F7387 and F1640 (1991)
34	Pierschbacher et al., Cell 26:259- (1981)

EXAMINER

PHILIP CAMBER

DATE CONSIDERED

5/26/94

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
0174-4002US1SERIAL NO.
~~08/064,505~~ 08/163707

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

APPLICANT
Mark A. JutilaFILING DATE
May 19, 1993GROUP
1806

PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Papers, Etc.)

35	Alberts et al. (1989) "Molecular Biology of the Cell", <u>Garland Publishing, Inc.</u> , New York pp. 816-818
36	Waldeman, T.A., (1991) <u>Science</u> 252:1657-1622

EXAMINER

PHILLIP GAMBOR

DATE CONSIDERED

5/26/94

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
0174-4002US1SERIAL NO.
08/064,505

08/463707

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

APPLICANT
Mark A. JutilaFILING DATE
May 19, 1993GROUP
1806

PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Papers, Etc.)

AL	37	Harlow et al. "Antibodies: A Laboratory Manual", Cold Spring Harbor Pub., Cold Spring Harbor, NY pp. 72-77, 92-97, 128-135 and 141-157
M	38	Kishimoto et al. (1990) <u>Proc. Natl. Acad. Sci.</u> , 87:2244-2248

EXAMINER

PHILIP GAMBER

DATE CONSIDERED

5/6/94

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
0174-4002US1SERIAL NO.
08/064,505 08/463707

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

APPLICANT
Mark A. JutilaFILING DATE
May 19, 1993GROUP
1806

PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
					YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Papers, Etc.)

39	Lasky (1992) <u>Science</u> 258:964-969
40	Jutila et al. Characterization of a Functionally Important and Evolutionarily Well-conserved Epitope Mapped to the Short Consensus Repeats of E-Selectin and L-Selectin. (June 1992) <u>J. Exp. Med.</u> , 175:1565-1573

EXAMINER

M. W. P. Gammell

DATE CONSIDERED

5/26/94

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.